

Project 2100 Pending Study Plan Report Completion Schedule (as of 03-22-04)

Resource Area/Study Report Name		Delivery Date
Cultural Resources		
C1	F.R. Cultural Resources Ethnographic Inventory Internal	05/04
	F.R. Cultural Resources Archaeology Inventory Public	06/04
	F.R. Cultural Resources Archaeology Inventory Internal	07/04
C2	Draft Cultural Resources Evaluation	03/06
	Final Cultural Resources Evaluation	07/06
C3	Draft Cultural Resources Mgmt Plan	09/04
C4	Draft Interpretive Evaluation	09/04
Engineering and Operations		
E2	Performing Modeling Simulations	(ongoing)
	Benchmark study results for CALSIM II, HYDROPS & WQRRS	
E3	Evaluate the Potential for Additional Hydropower Generation at Oroville	04/04
	F.R. Currently Under DWR Staff Review	
E4	F.R. Flood Management	04/04
E6	F.R. Control of Feather River Temp by Oroville Facilities *Scenario 17)	04/04
E7	F.R. Oroville Reservoir Coldwater Pool Evaluation	07/04
E8	Temperature Impacts of Pumpback Operations on Oroville Reservoir Cold Water Pool	ongoing
	Note: This activity reflects a commitment to collect data related to pump back operations	
-	I.D. for Engineering Exhibits	04/04
Environmental-Fisheries		
F1	F.R., Evaluation of Project Effects on Non-fish Aquatic Resources	07/04
F2	F.R., Evaluation of Project Effects on Fish Diseases	04/04
F3.1	Eval of Proj Eff on Resident Fish and their Hab within Lake Oroville, it's Upstream Tribs, the Thermalito Complex, and the Oroville Wildlife Area	04/04 05/04 04/04 04/04 04/04 05/04 04/04
	F.R. T1A,-U/S Migration Barriers (sediment plugs)	
	F.R. T1B-Fish species Comp in Lake Oroville's U/S Tributaries	
	F.R. T1C-Comparison of fish distribution to fish habitat distribution	
	F.R. T3B-Characterize Fish Habitat in the Thermalito Diversion Pool & Forebay	
	F.R. T3C- Proj Ops Influencing the Thermalito Diversion Pool & Forebay	
	F.R. T4A-Fish Species Comp & Eval of Juvenile Bass Recruitment in the Afterbay	
	F.R. T4C-Inundated Littoral Hab & Eval Effects of Fluct on Bass Dewatering	
F3.2	Evaluation of Project Effects on Resident Fish and their Habitat in the Feather River Downstream of the Fish barrier Dam	05/04 05/04 05/04 05/04
	F.R. T4-Fish Habitat Maps by species	
	F.R. T5-Comparison of fish distribution to fish habitat distribution	
	F.R. T3A(3)-Radio Tagging & Tracking	
F5/7	F.R. T3B-Splittail Habitat Assessment	(F5/7 indeterminate due to FERC order)
	Project Effect of FERC Project Management Plans on a Balanced Fishery of Resident and Anadromous Fish and their Habitat	
	F.R. T1-Eval effects of fisheries management activities on ESA fish species	
	F.R. T2-Eval the achievement of current stocking goals	
F8	F.R. T3-Eval the interaction between the Lake Oroville fishery & upstream tributary fisheries	04/04
	F.R. T4-Sum Report of Tasks 1, 2 & 3: Transfer of Energy and Nutrients by Ana Fish Mig.	
F9	Hatchery Effects on Salmonids	04/04 07/04 08/04
	Results of 2nd cohort analysis using additional tag recovery data	
	Synthesis Report	
	Final Report	
F10	Evaluation of Project Effects on Anadromous Salmonids and their Habitat	05/04 05/04 04/04 04/04 04/04
	F.R. T1A-Eval influence of Ops on F.R. attraction Flows	
	F.R. T1B-Eval Influence of Ops on Attraction Water Temp	
	F.R. T1D-Eval influence of Ops on Water Temp related Effects on Pre-spawning salmonid Adult Production	
	F.R. T1E-Spring-run Chinook Hab Use & Spawning Status Report from Radio Tracking	
	F.R. T2A-Eval Spawning & Incubation Substrate Availability & Suitability for Salmonids	

Project 2100 Pending Study Plan Report Completion Schedule (as of 03-22-04)

<u>Resource Area/Study Report Name</u>		<u>Delivery Date</u>
Environmental-Fisheries		
F10	I.R. T2B(3)-Flow vs. Carcass Survey & Redd Superimposition Analysis	04/04
	F.R. T2B-Flow vs. spawning & Redd superimposition	04/04
	F.R. T2C-Eval Spawning & Incubation Substrate Availability & Suitability for Salmonids	04/04
	F.R. T2D-Eval Flow Fluctuation-related Effects on Redd Dewatering	05/04
	F.R. T3A-Relative abundance & distrib vs. hab characteristics of rearing juvenile salmonids	04/04
	F.R. T3C-Eval Proj Flow Fluctuation Effects on Juvenile Salmonid Stranding	06/04
F16	Evaluation of Project Effects on Instream Flows and Fish Habitat	
	F.R. Phase 2-IFIM Results	04/04
F21	Project Effects on Predation of Feather River Juvenile Anadromous Salmonids	
	F.R. Task 2-Fish Distribution	04/04
	F.R. Task 3-Incorporate results of Task 1 & 2	05/04(waiting on EWG input)
	F.R. Task 5-Describe the findings of Task 4	05/04(waiting on EWG input)
Environmental-Geomorphic		
G1	Effects of Project Operations on Geomorphic Process Upstream of Oroville Dam	
	D.R. Task 6 - Prepare/Submit	04/04
	F.R. Task 7 - Prepare/Submit	08/04
G2	Effects of Project Operations on Geomorphic Process Downstream of Oroville Dam	
	D.R. Task 7 Submit	03/04
	F.R. Task 9 Submit	07/04
Environmental-Terrestrial		
T1	Effects of Project Features and Operation on Wildlife and Wildlife Habitat	
	D.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	04/04
	F.R. Effects of Project Features and Operation on Wildlife and Wildlife Habitat	05/04
T3/5	Riparian Resources, Wetlands, and Associated Flood plains	
	D.R.	05/04
	F.R.	06/04
T6	F.R. Interagency Wildlife Management Coordination	07/04
T7	Project Effects on Noxious Terrestrial and Aquatic Plant Spec.	
	D.R.	04/04
	F.R.	04/04
T8	F.R. Project Effects on Undesirable Non-native Wildlife	04/04
T9	Recreation and Wildlife	
	D.R.	04/04
	F.R.	05/04
T10	Effects of Project Features, Operation and Maintenance on Upland Plant Communities	
	D.R.	04/04
	F.R.	05/04
Environmental-Water Quality		
W1	Project Effects on Water Quality Designated Beneficial Uses for Surface Water	
	D.R.	07/04
	F.R.	08/04
W2	Contaminant Accumulation in Sediments and Aquatic Food Chain	
	F.R. First Yr of Monitoring	05/04
	D.R. Second Yr of Monitoring	02/05
	F.R. Second Yr of Monitoring	05/05
W3	Recreational Facilities and Operations Effects on Water Quality	
	I.R.	04/04
	D.R. First Yr of Monitoring	04/04
	F.R. First Yr of Monitoring	05/04
	D.R.-Second Yr of Monitoring	02/05
	F.R. Second Yr of Monitoring	05/05

Project 2100 Pending Study Plan Report Completion Schedule (as of 03-22-04)

Resource Area/Study Report Name		Delivery Date
Environmental-Water Quality		
W5	Project Effects on Groundwater	
	I.R.	04/04
	Report - Task 2	08/04
	D.R. Task 1 Phase 2	03/04
	Task 3 - Progress Report	04/05
	F.R. Task 4	05/05
W6	Project Effects on Temperature Regime	
	D.R. Task 7	05/04
	F.R. Task 8	07/04
W7	Land and Watershed Management	
	Task 3 - Progress Report	08/04
	I.R. Task 2	04/04
	Task 4 - Report delivery if Water Monitoring Ends 4/15/04	07/04
	F.R. Task 5 delivery if Water Monitoring Ends 4/15/04	08/04
W9	D.R. Task 4 Project Effects on Natural Protective Process	04/04
	F.R. Task 5 Project Effects on Natural Protective Process	05/04
Land Use, Land Management, & Aesthetics		
L1	F.R. Land Use Study	04/04
L2	F.R. Land Mgmt Study	06/04
L3	F.R. Comprehensive Plan Consistency Evaluation	04/04
L4	I.R. Aesthetic Resource Assessment	04/04
	F.R.	06/04
L5	F.R. Fuel-Load Management Evaluation	05/04
Recreation and Socioeconomics		
R3	F.R. Assess Relationship of Project Operations and Recreation	04/04
R4	F.R. Assess Relationship of Fish/Wildlife Management of Recreation	04/04
R5	F.R. Assess Recreation Area Management	04/04
R7	F.R. Reservoir Boating Study	03/04
R8	F.R. Carrying Capacity	05/04
R12	F.R. Projected Recreation Use	04/04
R13	F.R. Recreation Surveys	05/04
R17	F.R. Recreation Needs Analysis	06/04
R18	Recreation Activity, Spending, and Associated Economic Impacts	
	F.R. Revise Study Plan Summary Report and Prepare	05/04
R19	Fiscal Impacts	
	F.R. Revise Study Plan Summary Report and Prepare	05/04